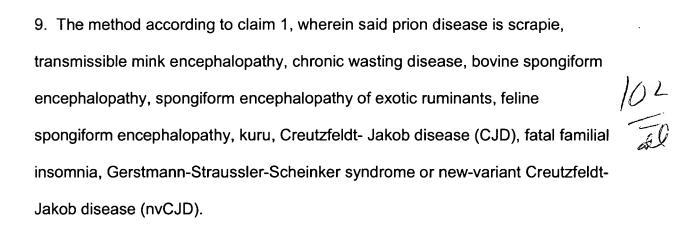
"We claim:

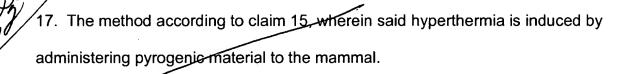
A method of treating a prion disease in a mammal, comprising administering a prion protein denaturing effective amount of a chaotropic agent to the mammal.

- 2. The method according to claim 1, wherein said agent is a guanidine salt, sodium iodide, potassium iodide, urea or combinations thereof.
- 3. The method according to claim 2, wherein said agent is guanidine hydrochloride.
- 4. The method of claim 3, wherein the dosage is between about 5 mg and about \$\forall \cdot\$40 mg per kilogram per day.
- 5. The method according to claim 2, wherein said agent is potassium iodide.
- 6. The method of claim 5, wherein the dosage is between 130 and 260 mg per kilogram per day.
- 7. The method of claim 2, wherein said agent is urea.

8. The method of claim 7, wherein the dosage is between 1 and 2 grams per kilogram per day.



- 10. The method according to claim 9, wherein said mammal is human, cow, \bigcirc \bigcirc \bigcirc \bigcirc sheep, mink, or cat.
- 11. The method according to claim 9, wherein said prion disease is bovine pongiform encephalopathy.
- 12. The method according to claim 11, wherein said mammal is a cow. Q
- 13. The method according to claim 1, wherein said prion disease is CJD or nvCJD.
- 14. The method according to claim 13, wherein said mammal is human.
- 15. The method according to claim 1, which further comprises inducing hyperthermia in said mamma during the course of treatment.
- 16. The method according to claim 15, wherein said hyperthermia is produced through applying microwave energy.



18. The method according to claim 17, wherein said pyrogenic material is a mixture of inactivated bacterial toxins.

